STATE OF SOUTH CAROLINA)
)
(Caption of Case))
In Re:)
)
)
Duke Energy Carolinas, LLC - Adjustment of Base)
Rates for Fuel Cost (Including Monthly Fuel)
Reports))
)
)
)
)

BEFORE THE
PUBLIC SERVICE COMMISSION
OF SOUTH CAROLINA

COVER SHEET

DOCKET
NUMBER: 1989 - 9 - E ____

(Please type or print)

Submitted by: Charles A. Castle
Address: 550 South Tryon Street
DEC45A / P.O. Box 1321
Charlotte, NC 28201

SC Bar Number: 79895
Telephone: 704-382-4499
Fax: 980-373-8534
Other:
Email: alex.castle@duke-energy.com

NOTE: The cover sheet and information contained herein neither replaces nor supplements the filing and service of pleadings or other papers as required by law. This form is required for use by the Public Service Commission of South Carolina for the purpose of docketing and must be filled out completely.

DOCKETING INFORMATION (Check all that apply)

☐ **Emergency Relief demanded in petition** ☐ **Request for item to be placed on Commission's Agenda expeditiously**

☐ **Other:** _____

INDUSTRY (Check one)

- ☒ Electric
- ☐ Electric/Gas
- ☐ Electric/Telecommunications
- ☐ Electric/Water
- ☐ Electric/Water/Telecom.
- ☐ Electric/Water/Sewer
- ☐ Gas
- ☐ Railroad
- ☐ Sewer
- ☐ Telecommunications
- ☐ Transportation
- ☐ Water
- ☐ Water/Sewer
- ☐ Administrative Matter
- ☐ Other:

NATURE OF ACTION (Check all that apply)

- ☐ Affidavit
- ☐ Agreement
- ☐ Answer
- ☐ Appellate Review
- ☐ Application
- ☐ Brief
- ☐ Certificate
- ☐ Comments
- ☐ Complaint
- ☐ Consent Order
- ☐ Discovery
- ☐ Exhibit
- ☐ Expedited Consideration
- ☐ Interconnection Agreement
- ☐ Interconnection Amendment
- ☐ Late-Filed Exhibit
- ☐ Letter
- ☐ Memorandum
- ☐ Motion
- ☐ Objection
- ☐ Petition
- ☐ Petition for Reconsideration
- ☐ Petition for Rulemaking
- ☐ Petition for Rule to Show Cause
- ☐ Petition to Intervene
- ☐ Petition to Intervene Out of Time
- ☐ Prefiled Testimony
- ☐ Promotion
- ☐ Proposed Order
- ☐ Protest
- ☐ Publisher's Affidavit
- ☒ Report
- ☐ Request
- ☐ Request for Certification
- ☐ Request for Investigation
- ☐ Resale Agreement
- ☐ Resale Amendment
- ☐ Reservation Letter
- ☐ Response
- ☐ Response to Discovery
- ☐ Return to Petition
- ☐ Stipulation
- ☐ Subpoena
- ☐ Tariff
- ☐ Other:

Duke Energy Carolinas

Charles A. Castle
Senior Counsel

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February 28, 2012

Jocelyn Boyd, Chief Clerk of the Commission
Public Service Commission of South Carolina
P. O. Drawer 11649
Columbia, South Carolina 29211

RE: Duke Energy Carolinas, LLC
Docket No. 1989-9-E

Dear Jocelyn:

Pursuant to the Commission's Orders in the above captioned docket, enclosed for filing are the following reports for the month of January 2012:

1. Monthly Fuel Cost Report (Exhibit A).

2. Base Load Power Plant Performance Report (Exhibit B).

Should you have any questions regarding this matter, please contact Brian Franklin at 980.373.4465.

Sincerely,

Charles A. Castle

pm

Enclosures

cc: Office of Regulatory Staff
Dan Arnett, Chief of Staff
Shannon Hudson, Staff Attorney
Jeff Nelson, Staff Attorney
John Flitter

South Carolina Energy Users Committee
Scott Elliott, Esquire

Brian L. Franklin

Exhibit A
Schedule 1

DUKE ENERGY CAROLINAS
SUMMARY OF MONTHLY FUEL REPORT
SC Code Ann. §58-27-865 (Supp. 2011)

Line No.	Fuel Expenses:	January 2012
1	Fuel and fuel-related costs	$ 133,787,455
2	Less fuel expenses (in line 1) recovered through intersystem sales (a)	869,577
3	Total fuel and fuel-related costs (line 1 minus line 2)	$ 132,917,878
	MWH sales:	
4	Total system sales.	6,910,175
5	Less intersystem sales	14,485
6	Total sales less intersystem sales	6,895,690
7	Total fuel and fuel-related costs (¢/KWH) (line 3/line 6)	1.9276
8	Current fuel and fuel-related cost component (¢/KWH) (per Schedule 4, Line 2 + Line 8)	2.5710
	Generation Mix (MWH):	
	Fossil (by primary fuel type):	
9	Coal	2,237,256
10	Biomass	-
11	Fuel Oil	4,338
12	Natural Gas - Combustion Turbine	62,275
13	Natural Gas - Combined Cycle	251,519
14	Total fossil	2,555,388
15	Nuclear 100%	5,416,870
16	Hydro - Conventional	210,706
17	Hydro - Pumped storage	(40,686)
18	Total hydro	170,020
19	Solar Distributed Generation	447
20	Total MWH generation	8,142,725
21	Less joint owners' portion	1,405,845
22	Adjusted total MWH generation	6,736,880
	(a) Line 2 includes:	
	Fuel from intersystem sales (Schedule 3)	$ 842,181
	Fuel in loss compensation	27,396
	Total fuel recovered from intersystem sales	$ 869,577

Note: Detail amounts may not add to totals shown due to rounding.

DUKE ENERGY CAROLINAS
DETAILS OF FUEL AND FUEL-RELATED COSTS
SC Code Ann. §58-27-865 (Supp. 2011)

Fuel and fuel-related costs:	January 2012
Steam Generation - FERC Account 501	
0501110 coal consumed - steam	$ 80,634,066
0501222-0501223 biomass/test fuel consumed	-
0501310 fuel oil consumed - steam	378,898
0501330 fuel oil light-off - steam	700,115
Total Steam Generation - Account 501	81,713,079
Environmental Costs	
0509000, 0557451 emission allowance expense	1,654
0502020, 030, 040 reagents expense	1,750,149
Emission allowance gains	-
Total Environmental Costs	1,751,803
Nuclear Generation - FERC Account 518	
0518100 burnup of owned fuel	25,408,803
0518600 nuclear fuel disposal cost	5,106,587
Total Nuclear Generation - 100%	30,515,390
Less joint owners' portion	7,577,816
Total Nuclear Generation - Account 518	22,937,574
Other Generation - FERC Account 547	
0547100 natural gas consumed - Combustion Turbine	2,071,584
0547101 natural gas consumed - Combined Cycle	6,687,040
0547200 fuel oil consumed - Combustion Turbine	789,072
Total Other Generation - Account 547	9,547,696
Solar Distributed Generation @ Avoided Fuel Cost	18,600
Total fossil and nuclear fuel expenses included in base fuel component	115,968,752
Fuel component of purchased and interchange power per Schedule 3	12,331,350
Fuel related component of purchased power (economic accrual)	5,487,353
Total fuel and fuel-related costs	$ 133,787,455

Note: Detail amounts may not add to totals shown due to rounding.

DUKE ENERGY CAROLINAS
DETAILS OF FUEL AND FUEL-RELATED COSTS
SC Code Ann. §58-27-865 (Supp. 2011)

Other fuel expenses not included in fuel and fuel-related costs:	January 2012
Net proceeds from sale of by-products	$ (189,728)
0501223 biomass non-fuel avoided cost	-
0501223 biomass excess above avoided cost	-
0501224 North Carolina incremental renewable fuel	-
0518610 spent fuel canisters-accrual	
0518620 canister design expense	
0518700 fuel cycle study costs	
Non-fuel component of purchased and interchanged power	8,067,271
Total other fuel expenses not included in fuel and fuel-related costs:	8,180,614
Less Solar Distributed Generation @ Avoided Fuel Cost	(18,600)
Adjusted total other fuel expenses not included in fuel and fuel-related costs:	$ 8,162,014
Total FERC Account 501 - Total Steam Generation	81,713,079
Total FERC Account 518 - Total Nuclear Generation	23,240,645
Total FERC Account 547 - Other Generation	9,547,696
Total Reagents Expense	1,750,149
Total Gain/Loss from Sale of By-Products	(189,728)
Total Emission Allowance Expense	1,654
Total Gain/Loss from Sale of Emission Allowances	-
Total Purchased and Interchanged Power Expenses	25,885,974
Total Fuel, Fuel Related and Purchased Power Expenses	$ 141,949,469

Note: Detail amounts may not add to totals shown due to rounding.

DUKE ENERGY CAROLINAS
PURCHASED POWER AND INTERCHANGE
SOUTH CAROLINA

JANUARY 2012

Purchased Power	Total	Capacity		Non-capacity		
Marketers, Utilities, Other	$	MW	$	MWH	Fuel $	Non-Fuel $
Alcoa Power Generating Inc.	$ 749,290	-	-	27,480	$ 457,067	$ 292,223
Associated Electric Cooperative Inc.	108,288	-	-	3,456	66,056	42,232
Blue Ridge Electric Membership Corp.	1,802,649	65	$ 864,754	38,956	572,116	365,779
Cargill Power Marketers LLC	11,428	-	-	376	6,971	4,457
City of Concord	30	-	-	1	18	12
City of Kings Mtn	8,979	3	8,979	-	-	-
Constellation	1,516,929	-	-	56,401	925,327	591,602
EDF Trading North America, LLC	366,875	-	-	14,042	223,794	143,081
Haywood Electric	465,127	20	192,465	8,972	166,324	106,338
Lockhart Power Co.	19,272	7	19,272	-	-	-
Morgan Stanley Capital Group	152,704	-	-	5,604	93,149	59,555
NCEMC	327,535	-	-	12,805	145,792	181,743
NCMPA	2,627,658	-	-	87,701	972,888	1,654,770
Oglethorpe Power	7,125	-	-	375	4,346	2,779
Piedmont Electric Membership Corp.	940,739	32	439,383	20,418	305,827	195,529
PJM Interconnection LLC	5,313,060	-	-	171,794	3,240,967	2,072,093
Rutherford Electric Membership Corp.	304,487	-	-	12,446	264,777	39,710
Southern	323,541	-	-	11,764	197,360	126,181
The Energy Authority	311,763	-	-	10,452	190,175	121,588
Town of Dallas	584	-	584	-	-	-
Town of Forest City	19,856	7	19,856	-	-	-
TVA	132,966	-	-	5,031	81,109	51,857
Generation Imbalance	331,177	-	-	9,626	200,532	130,645
Energy Imbalance - Purchases	173,992	-	-	3,042	106,135	67,857
Energy Imbalance - Sales	(54,172)	-	-	-	(51,421)	(2,751)
	$ 16,961,882	**134**	**$ 1,545,293**	**500,742**	**$ 8,169,309**	**$ 6,247,280**

Purchased Power	Total	Capacity		Non-capacity		
Cogen, Purpa, Small Power Producers	$	MW	$	MWH	Fuel $	Non-Fuel $
Cargill Power Marketing	$ 3,224,988	-	-	55,128	$ 2,293,325	$ 931,663
Cherokee County Cogeneration Partners	4,616,354	-	$ 1,310,243	60,960	1,132,810	2,173,301
City of Charlotte	1,453	-	-	21	869	584
Davidson Gas Producers, LLC	81,683	-	-	1,174	48,822	32,861
Dixon Dairy Road, LLC	25,929	-	-	442	18,371	7,558
Durham Landfill Electricity, LLC	112,282	-	-	1,936	80,533	31,749
Gas Recovery Systems, LLC	172,389	-	-	2,587	107,628	64,761
Gaston County	147,780	-	-	1,970	81,969	65,811
Greenville Gas Producer, LLC	104,746	-	-	1,819	75,666	29,080
Lockhart Power Company	48,288	-	-	645	26,844	21,444
Nypro, Inc.	853	-	-	16	686	167
Ronnie B. Powers	6,639	-	-	101	4,183	2,456
Sun Edison, LLC	102,535	-	-	1,512	62,913	39,622
WM Renewable Energy, LLC	103,904	-	-	1,582	65,820	38,084
Other Cogens, Purpa and Small Power Producers	884,168			18,653		884,168
	$ 9,633,990	**-**	**$ 1,310,243**	**148,646**	**$ 4,000,439**	**$ 4,323,308**
TOTAL PURCHASED POWER	**$ 26,595,872**	**134**	**$ 2,855,536**	**649,288**	**$ 12,169,748**	**$ 10,570,588**
INTERCHANGES IN						
Other Catawba Joint Owners	7,337,874	-	-	710,854	3,868,225	3,469,649
Total Interchanges In	7,337,874	-	-	710,854	3,868,225	3,469,649
INTERCHANGES OUT						
Other Catawba Joint Owners	(7,047,772)	(866)	(134,209)	(679,865)	(3,706,623)	(3,206,940)
Catawba- Net Negative Generation	-	-	-	-	-	-
Total Interchanges Out	(7,047,772)	(866)	(134,209)	(679,865)	(3,706,623)	(3,206,940)
Net Purchases and Interchange Power	**$ 26,885,974**	**(732)**	**$ 2,721,327**	**680,277**	**$ 12,331,350**	**$ 10,833,297**

NOTE: Detail amounts may not add to totals shown due to rounding.

DUKE ENERGY CAROLINAS
INTERSYSTEM SALES*
SOUTH CAROLINA

January 2012

	Total	Capacity		Non-capacity		
SALES	$	MW	$	MWH	Fuel $	Non-fuel $
Utilities:						
SC Public Service Authority - Emergency	$ 48,553	-	-	1,030	$ 37,734	$ 10,819
Market Based:	-	-	-	-	-	-
Constellation Power Sources	(295,939)	-	-	(8,064)	-	(295,939)
Morgan Stanley	5,460	-	-	105	3,997	1,463
NCMPA #1	110,952	50	$87,500	484	18,802	4,650
Oglethorpe	10,500	-	-	200	7,459	3,041
PJM Interconnection LLC	829,588	-	-	18,454	683,943	145,645
Southern	(488)	-	-	-	-	(488)
The Energy Authority	83,363	-	-	1,631	66,838	16,525
Other:	-	-	-	-		-
Generation Imbalance	25,907	-	-	645	23,408	2,499
BPM Transmission	(153,107)	-	-	-	-	(153,107)
Total Intersystem Sales	**$664,789**	**50**	**$87,500**	**14,485**	**$ 842,181**	**$(264,892)**

* Sales for resale other than native load priority.

NOTE: Detail amounts may not add to totals shown due to rounding.

Exhibit A
Schedule 4

Duke Energy Carolinas
Over / (Under) Recovery of Fuel Costs
January 2012
SC Code Ann. §58-27-865

Line No.			Residential	Commercial	Industrial	Total
1	S.C. Retail kWh sales	Input	615,750,425	455,176,893	650,220,841	1,721,148,159
	Base fuel component of recovery					
2	Billed base fuel rate (¢/kWh)	Input	2.5273	2.5273	2.5273	2.5273
3	Billed base fuel expense	L1 * L2 /100	$15,561,860	$11,503,686	$16,433,031	$43,498,577
4	Incurred base fuel rate (¢/kWh)	Input	1.8227	1.8227	1.8227	1.8227
5	Incurred base fuel expense	L1 * L4 / 100	$11,223,357	$8,296,564	$11,851,653	$31,371,574
6	Difference in ¢/kWh (Billed - Incurred)	L2 - L4	0.7046	0.7046	0.7046	0.7046
7	Base fuel over/(under) recovery	L1 * L6 / 100	**$4,338,503**	**$3,207,122**	**$4,581,378**	**$12,127,003**
	Environmental component of recovery					
8	Billed rates by class (¢/kWh)	Input	0.0629	0.0466	0.0236	0.0437
9	Billed environmental expense	L8 * L1 / 100	$387,307	$212,112	$153,452	**$752,871**
10	Incurred rate by class (¢/kWh)	Input	0.0288	0.0280	0.0200	0.0253
11	Incurred environmental expense	L10 * L1 / 100	$177,258	$127,557	$129,974	**$434,789**
12	Difference in ¢/kWh (Billed - Incurred)	L8 - L10	0.0341	0.0186	0.0036	0.0185
13	Environmental over/(under) recovery	L9 - L11	**$210,049**	**$84,555**	**$23,478**	**$318,082**
	Economic purchase component of recovery					
14	S.C. kWh sales % by class	L1 / L1T	35.78%	26.45%	37.78%	100.00%
15	Economic purchase accrual	L15T * L14	**($489,993)**	**($362,214)**	**($517,424)**	**($1,369,631)**
	Total over/(under) recovery					
16	Current month	L7 + L13 + L15	**$4,058,559**	**$2,929,463**	**$4,087,432**	**$11,075,454**

Year 2011-2012

	17 Cumulative over / (under) recovery	Cumulative	Residential	Commercial	Industrial	Total Company
_/1	Balance ending May 2011	$3,066,701				
	June	(6,948,905)	($3,196,218)	($2,811,646)	($4,007,742)	($10,015,606)
	July	(18,436,446)	(3,984,549)	(3,184,348)	(4,318,644)	(11,487,541)
	August	(25,069,892)	(2,301,445)	(1,806,140)	(2,525,861)	(6,633,446)
	September	(22,317,560)	877,142	780,371	1,094,819	2,752,332
	October	(13,922,121)	2,081,389	2,471,586	3,842,464	8,395,439
	November	(7,139,849)	1,829,388	1,915,438	3,037,446	6,782,272
	December	2,510,877	3,110,998	2,600,220	3,939,508	9,650,726
	January	$13,586,331	$4,058,559	$2,929,463	$4,087,432	$11,075,454
	February					
	March					
	April					
	May					

_/1 May 2011 ending balance reflects adjustments pursuant to Docket No. 2011-3-E - Order No. 2011-715.

DUKE ENERGY CAROLINAS
FUEL AND FUEL RELATED COST REPORT
January 2012

Description	Allen Steam	Belews Creek Steam	Buck Steam/CT	Buck Gas/CC	Buzzard Roost CT	Catawba Nuclear	Cliffside Steam	Dan River Steam/CT	Lee Steam/CT	Lincoln CT	Marshall Steam	McGuire Nuclear	Mill Creek CT	Oconee Nuclear	Riverbend Steam/CT	Rockingham CT	Current Month	Total 12 ME January 2012
Cost of Fuel Received																		
Coal (A)	$1,580,146	$61,413,460	$78,052				$3,711,636	$0	$18,575		$42,290,441				$18,377		$109,110,688	$1,497,468,713
Biomass	-	-					-	-	-		-				-		-	961,996
Fuel Oil (C)	141,265	494,867	-		-		70,000	-	-	-	118,677		3,133,264		216,327	-	4,174,400	21,147,590
Gas - CT			372		-			-	273,090	269,391			538,388		600	989,743	2,071,584	41,544,162
Gas - CC				6,687,040													6,687,040	16,355,197
Total	$1,721,411	$61,908,328	$78,424	$6,687,040	$0		$3,781,636	$0	$291,666	$269,391	$42,409,118		$3,671,652		$235,304	$989,743	$122,043,711	$1,577,477,657
Received (¢/MBTU) Avg																		
Coal (A)	576 77	390.47					435.17				394.31						395.61	388.75
Biomass	-	-	-		-		-	-	-	-	-		-		-	-	-	489.53
Fuel Oil	2,282.15	2,276.40	-		-		2,263.17	-	-	-	2,245.12		2,244.49		2,260.94	-	2,250.67	2,289.39
Gas - CT			-		-			-	294.54	284.44			284.00		-	247.20	266.48	461.32
Gas - CC				375.12													375.12	449.39
Weighted Average	614 45	393.07	-	375.12	-		441.78	-	314.58	284.44	395.22		1,115.43		2,459.28	247.20	402 44	395.39
Cost of Fuel Burned($) (D)																		
Coal (E)	$1,857,939	$45,408,579	$0				$1,737,315	$0	$0		$30,407,122				$1,223,112		$80,634,066	$1,275,657,042
Biomass (F)	-	-	-				-	-	-		-				-		-	939,398
Fuel Oil (G)	191,304	426,172	-		-		114,126	-	2,831	6,125	135,947		780,115		211,466	-	1,868,085	16,429,899
Gas - CT			372		-			-	273,090	269,391			538,388		600	989,743	2,071,584	41,544,162
Gas - CC				6,687,040													6,687,040	16,355,197
Nuclear						9,383,828						9,581,632		11,549,930			30,515,390	313,175,712
Total	$2,049,243	$45,834,750	$372	$6,687,040	$0	$9,383,828	$1,851,441	$0	$275,921	$275,516	$30,543,068	$9,581,632	$1,318,503	$11,549,930	$1,435,177	$989,743	$121,776,164	$1,664,101,407
Burned (¢/MBTU) Avg																		
Coal	396.03	386.82	-				406.62	-	-		381.61				412.34		385.81	383.28
Biomass	-	-	-				-	-	-		-				-		-	466.87
Fuel Oil	2,216.99	2,245.96	-		-		2,167.63	-	1,966.09	1,101.66	2,226.44		1,353.76		2,203.23	-	1,747.52	2,052.66
Gas - CT			-		-			-	294.54	284.44			284.00		-	247.20	266.48	461.32
Gas - CC				375.12													375.12	449.39
Nuclear						54.29						55.38		59.07			56.37	53.85
Weighted Average	428.92	389.82	-	375.12	-	54.29	428.06	-	297.13	289.21	383.02	55.38	533.38	59.07	468.66	247.20	156.71	179.31
Generated (¢/kWh) Avg																		
Coal	4.63	3.51	(B)				4.11	(B)	(B)		3.62				5.04		3.60	3.67
Biomass	-	-	-				-	-	-		-				-		-	6.24
Fuel Oil	-	-	(B)		(B)		-	(B)	18.87	14.58	-		17.18		(B)	-	43.06	372 78
Gas - CT			-		-			-	2.91	3.60			3.60		-	3.21	3.33	5.48
Gas - CC				2.66													2.66	3.50
Nuclear						0.54						0.55		0.59			0.56	0.54
Weighted Average	5.11	3.55	(B)	2.66	(B)	0.54	4.38	(B)	3.24	3.86	3.64	0.55	6.77	0.59	5.93	3.21	1.50	1.76
Burned MBTU's																		
Coal	469,141	11,738,840	-				427,253	-	-		7,968,073				296,630		20,899,937	332,824,355
Biomass	-	-	-				-	-	-		-				-		-	201,210
Fuel Oil	8,629	18,975	-		-		5,265	-	144	556	6,106		57,626		9,598	-	106,899	800,421
Gas - CT			-		-			-	92,717	94,709			189,572		-	400,382	777,380	9,005,538
Gas - CC				1,782,641													1,782,641	3,639,424
Nuclear						17,286,152						17,301,340		19,551,324			54,138,816	581,569,037
Total	477,770	11,757,815	-	1,782,641	-	17,286,152	432,518	-	92,861	95,265	7,974,179	17,301,340	247,198	19,551,324	306,228	400,382	77,705,673	928,039,985
Net Generation (mWh)																		
Coal	40,087	1,292,851	(692)				42,279	(670)	(880)		839,994				24,287		2,237,256	34,737,605
Biomass	-	-	-				-	-	-		-				-		-	15,062
Fuel Oil	-	-	(21)		(109)		-	(42)	15	42	-		4,542		(89)	-	4,338	4,407
Gas - CT			-		-			-	9,385	7,087			14,941		-	30,862	62,275	757,861
Gas - CC				251,519													251,519	467,267
Nuclear 100%						1,740,898						1,729,792		1,946,180			5,416,870	57,528,534
Hydro (Total System)																	170,020	889,519
Solar (Total System)																	447	5,661
Total	40,087	1,292,851	(713)	251,519	(109)	1,740,898	42,279	(712)	8,520	7,129	839,994	1,729,792	19,483	1,946,180	24,198	30,862	8,142,725	94,405,916
Cost of Reagents Consumed ($)																		
Ammonia	-	516,581	-	7,766			-				-				-		524,346	5,478,453
Limestone (E)	26,870	542,902	-	-			10,631				552,360				-		1,132,763	14,061,085
Urea	2,841	-	-	-			-				74,358				-		77,199	3,791,748
Organic Acid	-	-	-	-			-				-				-		-	-
Emission premiums	233	-	-	-			-				15,608				-		15,841	19,770
Total	29,944	1,059,482	-	7,766			10,631				642,326				-		1,750,149	23,351,056

(A) Coal receipts exclude -6,319 tons and -$474,812 associated with terminals for the current month.
(B) Cents/kWh not computed when costs and/or net generation is negative
(C) Cost of fuel oil received includes a transfer of inventory from Mill Creek to Lincoln valued at $0,000 in the current month and $2,413,557 for the twelve months ended Cost of the transfer between stations nets to zero with the exception of the cost of freight.
(D) Cost of fuel burned excludes $1,654 associated with emission allowance expense for the month and $253,969 for the twelve months ended
(E) Twelve months ended includes annual aerial survey adjustment recorded in Dec 2011
(F) Cost of biomass burned is reported at book cost prior to the reclassification of fuel expense applicable to NC renewable energy which is $0,000 for the month and -$66,902 for the twelve months ended
(G) Cost of fuel oil burned includes $0,000 in diesel fuel costs for on-site standby generators for the month and $8,943 for the twelve months ended
(G) Cost of fuel oil burned twelve months ended includes a $34,940 adjustment to cost of fuel burned due to a sale of fuel oil inventory at Buzzard Roost

Notes:
Detail amounts may not add to totals shown due to rounding.
Fuel costs based on recoverability unless otherwise noted. Data reflected at 100% ownership

Exhibit A
Schedule 5

DUKE ENERGY CAROLINAS
FUEL AND FUEL RELATED CONSUMPTION AND INVENTORY REPORT
January 2012

Description	Allen Steam	Belews Creek Steam	Buck Steam/CT	Buck Gas/CC	Buzzard Roost CT	Cliffside Steam	Dan River Steam/CT	Lee Steam/CT	Lincoln CT	Marshall Steam	Mill Creek CT	Riverbend Steam/CT	Rockingham CT	Current Month	Total 12 ME January 2012
Coal Data:															
Beginning balance	442,195	1,245,161	155,314			501,684	67,690	191,566		1,299,133		236,617		4,139,359	2,257,272
Tons received during period	12,046	645,653	-			37,070	-	-		438,662		-		1,133,431	15,789,826
Moisture adjustments	2,420	1,274	-			72	-	-		0		0		3,767	(41,083)
Tons burned during period (A)	18,690	482,024	-			16,527	-	-		317,501		12,053		846,794	13,576,252
Ending balance (B)	437,971	1,410,064	155,314			522,299	67,690	191,566		1,420,295		224,564		4,429,763	4,429,763
MBTUs per ton burned	25.10	24.35	-			25.85	-	-		25.10		24.61		24.68	24.52
Cost of ending inventory ($/ton) (B)	98 86	94.12	101.15			103.78	102.05	99.96		95.77		101 48		97.25	97.25
Biomass/Test Fuel Data:															
Beginning balance			827					1,395						2,222	1,697
Tons received during period			-					-						-	22,605
Inventory adjustments			-					-						-	188
Tons burned during period			-					-						-	22,268
Ending balance			827					1,395						2,222	2,222
Cost of ending inventory ($/ton)			41.07					45.20						43.66	43.66
Fuel Oil Data:															
Beginning balance	92,534	227,610	307,259		-	62,588	104,397	593,828	8,480,490	289,069	1,974,023	233,505	2,968,560	15,333,863	15,577,500
Gallons received during period	44,992	157,892	-		-	22,466	-	-	-	38,348	1,007,565	69,141	-	1,340,404	6,740,029
Miscellaneous usage, transfers and adjustments (C)	(8,651)	(9,388)	(67)		-	(10,263)	(5,264)	(1,983)	-	(26,746)	-	(369)	-	(62,660)	(677,261)
Gallons burned during period (D)	62,721	137,819	-		-	38,236	-	1,046	4,010	44,298	415,921	69,358	-	773,480	5,802,141
Ending balance	66,154	238,295	307,192		-	36,555	99,133	590,799	8,476,480	256,373	2,565,667	232,919	2,968,560	15,838,127	15,838,127
Cost of ending inventory ($/gal)	3 05	3.09	2 74		-	2.82	3.06	2.71	1.53	3.07	1.88	3.05	2.47	1.92	1 92
Gas Data: (E)															
Beginning balance															
MCF received during period (F)			-	1,763,245	-		-	91,708	93,679		187,324	-	347,552	2,483,508	12,435,727
MCF burned during period (F)			-	1,763,245	-		-	91,708	93,679		187,324	-	347,552	2,483,508	12,435,727
Ending balance															
Cost of ending inventory ($/mcf)															
Limestone Data:															
Beginning balance	30,587	58,325				26,857				99,775				215,543	80,836
Tons received during period	-	215				-				-				215	551,811
Tons consumed during period (A)	747	16,949				351				16,665				34,712	451,601
Ending balance	29,840	41,591				26,506				83,110				181,047	181,047
Cost of ending inventory ($/ton)	35.98	32 03				30.29				33.14				32 94	32.94

(A) Twelve months ended includes annual aerial survey adjustment recorded in Dec 2011
(B) Coal Inventory Ending Balance excludes 0,000 tons and $0,000 associated with terminals for the current month.
(C) Fuel oil activity includes a transfer from Mill Creek to Lincoln of 0,000 gallons in the current month and 1,936,922 for the twelve months ended. The gallons transferred between the stations net to a zero impact on total gallons transferred.
(C) Twelve months ended includes a -45,416 gallon reduction of inventory due to a sale of fuel oil at Buzzard Roost.
(D) Total gallons of fuel oil burned includes 71 gallons of diesel fuel oil for on-site standby generators for the month and 2,079 for the twelve months ended. Monthly consumption is reported on a month lag due to timing of data availability. Offsetting activity for the on-site standby generator consumption is reported as miscellaneous usage, transfers and adjustments.
(E) Gas is burned as received; therefore, inventory balances are not maintained.
(F) Twelve months ended Gas MCF received and burned includes 3,598,948 attributable to combined cycle plant activity

Notes:
Detail amounts may not add to totals shown due to rounding.

Exhibit A
Schedule 6

DUKE ENERGY CAROLINAS
ANALYSIS OF COAL PURCHASES
January 2012

STATION	TYPE	QUANTITY OF TONS DELIVERED	DELIVERED COST	DELIVERED COST PER TON
ALLEN	SPOT	12,046	$ 1,767,471.56	$ 146.73
	CONTRACT	-	-	-
	ADJUSTMENTS	-	(187,325.49)	-
	TOTAL	12,046	1,580,146.07	131.18
BELEWS CREEK	SPOT	9,342	686,730.42	73.51
	CONTRACT	636,311	58,046,136.38	91.22
	ADJUSTMENTS	-	2,680,593.67	-
	TOTAL	645,653	61,413,460.47	95.12
BUCK	SPOT	-	-	-
	CONTRACT	-	(1,823.47)	-
	ADJUSTMENTS	-	79,874.98	-
	TOTAL	-	78,051.51	-
CLIFFSIDE	SPOT	-	(21,370.10)	-
	CONTRACT	37,070	3,422,942.70	92.34
	ADJUSTMENTS	-	310,063.73	-
	TOTAL	37,070	3,711,636.33	100.12
DAN RIVER	SPOT	-	-	-
	CONTRACT	-	-	-
	ADJUSTMENTS	-	-	-
	TOTAL	-	-	-
LEE	SPOT	-	-	-
	CONTRACT	-	-	-
	ADJUSTMENTS	-	18,575.27	-
	TOTAL	-	18,575.27	-
MARSHALL	SPOT	12,912	1,288,897.20	99.82
	CONTRACT	425,750	39,373,858.01	92.48
	ADJUSTMENTS	-	1,627,685.88	-
	TOTAL	438,662	42,290,441.09	96.41
RIVERBEND	SPOT	-	-	-
	CONTRACT	-	-	-
	ADJUSTMENTS	-	18,377.30	-
	TOTAL	-	18,377.30	-
ALL PLANTS	SPOT	34,300	3,721,729.08	108.51
	CONTRACT	1,099,131	100,841,113.62	91.75
	ADJUSTMENTS	-	4,547,845.34	-
	TOTAL	1,133,431	$ 109,110,688.04	$ 96.27

Duke Energy Carolinas
Analysis of Quality of Coal Received
January 2012

Station	Percent Moisture	Percent Ash	Heat Value	Percent Sulfur
Allen	11.31	9.77	11,372	1.86
Belews Creek	7.43	11.12	12,180	1.12
Cliffside	7.30	14.90	11,504	1.19
Marshall	7.73	10.78	12,225	1.44

Duke Energy Carolinas
Analysis of Cost of Oil Purchases
January 2012

Station	Allen	Belews Creek	Cliffside	Marshall	Mill Creek	Riverbend
Vendor	HighTowers	HighTowers	HighTowers	High Towers	High Towers	HighTowers
Spot / Contract	Contract	Contract	Contract	Contract	Contract	Contract
Sulfur Content %	0	0	0	0	0	0
Gallons Received	44,992	157,892	22,466	38,348	1,007,565	69,141
Total Delivered Cost	$ 141,264.97	$ 494,867.15	$ 69,999.92	$ 118,676.79	$ 3,133,264.00	$ 216,326.70
Delivered Cost/Gal	$ 3.14	$ 3.13	$ 3.12	$ 3.09	$ 3.11	$ 3.13
BTU/Gallon	137,580	137,680	137,690	137,850	138,550	138,390

DUKE ENERGY CAROLINAS
POWER PLANT PERFORMANCE DATA
TWELVE MONTHS SUMMARY

February,2011 - January,2012

Plant Name	Generation MWH	Capacity Rating MW	Capacity Factor %	Net Equivalent Availability %
Oconee	20,549,396	2,538	92.43	90.58
McGuire	18,202,730	2,200	94.45	90.59
Catawba	18,776,408	2,258	94.93	92.64

Duke Energy Carolinas
Power Plant Performance Data
Twelve Month Summary
February 2011 through January 2012
Steam Units

Unit Name	Net Generation (mWh)	Capacity Rating (mW)	Capacity Factor (%)	Equivalent Availability (%)
Belews Creek 1	7,738,430	1,110	79.58	90.10
Belews Creek 2	8,042,825	1,110	82.71	91.24

Duke Energy Carolinas
Power Plant Performance Data
Twelve Month Summary
February 2011 through January 2012
Steam Units

Unit Name	Net Generation (mWh)	Capacity Rating (mW)	Capacity Factor (%)	Equivalent Availability (%)
Cliffside 5	2,344,973	559	47.93	93.47
Marshall 1	1,383,999	380	41.58	72.16
Marshall 2	1,791,486	380	53.82	87.45
Marshall 3	3,864,961	658	67.05	91.20
Marshall 4	3,991,235	660	69.03	89.26

Duke Energy Carolinas
Power Plant Performance Data

Twelve Month Summary
February 2011 through January 2012
Other Cycling Coal Units

Unit Name	Net Generation (mWh)	Capacity Rating (mW)	Capacity Factor (%)	Operating Availability (%)
Allen 1	352,235	162	24.82	98.18
Allen 2	281,510	162	19.84	97.66
Allen 3	924,872	261	40.45	83.25
Allen 4	1,122,507	276	46.43	86.31
Allen 5	845,665	266	36.29	96.16
Buck 3	-3,016	75	0.00	100.00
Buck 4	-223	38	0.00	100.00
Buck 5	274,189	128	24.45	94.16
Buck 6	248,139	128	22.13	96.15
Cliffside 1	-762	38	0.00	100.00
Cliffside 2	-865	38	0.00	100.00
Cliffside 3	-136	61	0.00	100.00
Cliffside 4	-44	61	0.00	0.00
Dan River 1	40,353	67	6.88	99.08
Dan River 2	43,810	67	7.46	98.84
Dan River 3	112,338	142	9.03	84.08
Lee 1	124,085	100	14.16	96.91
Lee 2	127,475	100	14.55	97.48
Lee 3	337,226	170	22.64	94.66
Riverbend 4	114,666	94	13.93	98.70
Riverbend 5	111,991	94	13.60	98.35
Riverbend 6	269,609	133	23.14	99.05
Riverbend 7	269,135	133	23.10	99.48

Duke Energy Carolinas
Power Plant Performance Data
Twelve Month Summary
February,2011 through January,2012
Combustion Turbines

Station Name	Net Generation (mWh)	Capacity Rating (mW)	Operating Availability (%)
Buck CT	149	62	81.32
Buzzard Roost CT	-764	176	85.67
Dan River CT	-5	48	93.78
Lee CT	53,602	82	98.54
Lincoln CT	108,870	1,264	98.04
Mill Creek CT	156,698	592	98.29
Riverbend CT	-725	64	99.55
Rockingham CT	449,261	825	81.85

Duke Energy Carolinas
Power Plant Performance
12 Months Ended JANUARY 2012

Name of Plant	Generation (MWH)	Capacity Rating (MW)	Operating Availability (%)
Conventional Hydro Plants:			
Bridgewater	33,685	31.500	50.77
Cedar Creek	111,591	45.000	97.42
Cowans Ford	108,759	325.200	92.44
Dearborn	128,108	42.000	93.68
Fishing Creek	107,015	49.000	89.79
Gaston Shoals	15,577	2.000	39.89
Great Falls	4,887	12.000	77.71
Keowee	52,024	152.000	93.94
Lookout Shoals	70,136	27.900	85.24
Mountain Island	78,551	62.000	98.36
Ninety Nine Island	53,508	6.400	95.70
Oxford	80,425	40.000	97.97
Rhodhiss	48,740	30.000	99.83
Rocky Creek	(194)	-	8.74
Tuxedo	18,271	6.400	83.21
Wateree	147,371	85.000	89.14
Wylie	100,302	72.000	99.15
Nantahala	200,215	50.000	91.69
Queens Creek	3,285	1.440	98.99
Thorpe	76,182	19.700	97.60
Tuckasegee	6,992	2.500	99.91
Tennessee Creek	36,656	9.800	95.36
Bear Creek	27,954	9.450	99.97
Cedar Cliff	20,561	6.400	100.00
Mission	2,999	0.600	97.79
Franklin	494	0.600	74.05
Bryson	2,175	0.480	99.72
Total Conventional	1,536,269		
Pumped Storage Plants:			
Jocasee	932,531	780.000	77.65
Bad Creek	1,966,130	1,360.000	95.20
Subtotal	2,898,661		
Energy for Pumping:			
Jocasee	(1,068,643)		
Bad Creek	(2,476,768)		
Subtotal	(3,545,411)		
Generation less Energy for Pumping			
Jocassee	(136,112)		
Bad Creek	(510,638)		
Total Pumped Storage	(646,750)		

NOTE(S):
Capacity MW amounts varied across the range of time indicated.
The amounts shown represent the capacity effective as of the period end date.

Duke Energy Carolinas
Power Plant Performance Data

Twelve Month Summary
February 2011 through January 2012
Combined Cycle Units

Unit Name	Net Generation (mWh)	Capacity Rating (mW)	Capacity Factor (%)	Operating Availability (%)
Buck CC 10	431,526	620	7.95	59.52

Note: This report is limited to capturing only the first full month of data when Buck CC unit 10 was in commercial operation.

Prior months' net generation (mWh) within the twelve month period was as follows:

September 2011: 369 mWh; pre-commercial
October 2011: 1,833 mWh; pre-commercial
November 2011: 12,620 mWh; pre-commercial
November 2011: 20,919 mWh; commercial

DUKE ENERGY CAROLINAS
BASE LOAD POWER PLANT PERFORMANCE REVIEW PLAN

PERIOD: January, 2012

PLANT	UNIT	DATE OF OUTAGE	DURATION OF OUTAGE	SCHEDULED / UNSCHEDULED	CAUSE OF OUTAGE		REMEDIAL ACTION TAKEN
Oconee	1	None					
	2	None					
	3	None					
McGuire	1	None					
	2	None					
Catawba	1	None					
	2	None					

Duke Energy Carolinas
Base Load Power Plant
Performance Review Plan

January 2012

Belews Creek Steam Station

Unit	Duration of Outage	Type of Outage	Cause of Outage		Reason Outage Occurred	Remedial Action Taken
01	1/6/2012 3:15:00 PM To 1/8/2012 3:00:00 PM	Sch	3440	HIGH PRESSURE HEATER TUBE LEAKS	1b 2 feed water heater leak,repaired	

DUKE ENERGY CAROLINAS
BASE LOAD POWER PLANT PERFORMANCE REVIEW PLAN

January,2012
Oconee Nuclear Station

	UNIT 1		UNIT 2		UNIT 3	
(A) MDC (MW)	846		846		846	
(B) Period Hours	744		744		744	
(C1) Net Gen (MWH) and Capacity Factor	643204	102.19	650183	103.30	652793	103.71
(D1) Net MWH Not Gen Due To Full Scheduled Outages	0	0.00	0	0.00	0	0.00
*(D2) Net MWH Not Gen Due To Partial Scheduled Outages	0	0.00	0	0.00	0	0.00
(E1) Net MWH Not Gen Due To Full Forced Outages	0	0.00	0	0.00	0	0.00
*(E2) Net MWH Not Gen Due To Partial Forced Outages	-13780	-2.19	-20759	-3.30	-23369	-3.71
* (F) Net MWH Not Gen Due To Economic Dispatch	0	0.00	0	0.00	0	0.00
* (G) Core Conservation	0	0.00	0	0.00	0	0.00
(H) Net MWH Possible In Period	629424	100.00 %	629424	100.00 %	629424	100.00 %
(I) Equivalent Availability		100.00		100.00		100.00
(J) Output Factor		102.19		103.30		103.71
(K) Heat Rate		10,136		10,023		9,980

*Estimate
FOOTNOTE: D1 and E1 Include Ramping Losses

DUKE ENERGY CAROLINAS
BASE LOAD POWER PLANT PERFORMANCE REVIEW PLAN

January, 2012
McGuire Nuclear Station

		UNIT 1		UNIT 2	
	(A) MDC (MW)	1100		1100	
	(B) Period Hours	744		744	
	(C1) Net Gen (MWH) and Capacity Factor	866001	105.82	863791	105.55
	(D1) Net MWH Not Gen Due To Full Scheduled Outages	0	0.00	0	0.00
*	(D2) Net MWH Not Gen Due To Partial Scheduled Outages	0	0.00	0	0.00
	(E1) Net MWH Not Gen Due To Full Forced Outages	0	0.00	0	0.00
*	(E2) Net MWH Not Gen Due To Partial Forced Outages	-47601	-5.82	-45391	-5.55
*	(F) Net MWH Not Gen Due To Economic Dispatch	0	0.00	0	0.00
*	(G) Core Conversion	0	0.00	0	0.00
	(H) Net MWH Possible In Period	818400	100.00 %	818400	100.00 %
	(I) Equivalent Availability		100.00		100.00
	(J) Output Factor		105.82		105.55
	(K) Heat Rate		9,992		10,012

*Estimate
FOOTNOTE: D1 and E1 Include Ramping Losses

DUKE ENERGY CAROLINAS
BASE LOAD POWER PLANT PERFORMANCE REVIEW PLAN

January, 2012
Catawba Nuclear Station

	UNIT 1		UNIT 2	
(A) MDC (MW)	1129		1129	
(B) Period Hours	744		744	
(C1) Net Gen (MWH) and Capacity Factor	869654	103.53	871244	103.72
(D1) Net MWH Not Gen Due To Full Scheduled Outages	0	0.00	0	0.00
*(D2) Net MWH Not Gen Due To Partial Scheduled Outages	0	0.00	0	0.00
(E1) Net MWH Not Gen Due To Full Forced Outages	0	0.00	0	0.00
*(E2) Net MWH Not Gen Due To Partial Forced Outages	-29678	-3.53	-31268	-3.72
* (F) Net MWH Not Gen Due To Economic Dispatch	0	0.00	0	0.00
* (G) Core Conversion	0	0.00	0	0.00
(H) Net MWH Possible In Period	839976	100.00 %	839976	100.00 %
(I) Equivalent Availability		100.00		100.00
(J) Output Factor		103.53		103.72
(K) Heat Rate		9,939		9,920

*Estimate
FOOTNOTE: D1 and E1 Include Ramping Losses

Duke Energy Carolinas
Base Load Power Plant
Performance Review Plan

January 2012

Belews Creek Steam Station

	Unit 1	Unit 2
(A) MDC (mw)	1,110	1,110
(B) Period Hrs	744	744
(C1) Net Generation (mWh)	569,060	723,791
(C1) Capacity Factor	68.91	87.64
(D1) Net mWh Not Generated due to Full Scheduled Outages	53,003	0
(D1) Scheduled Outages: percent of Period Hrs	6.42	0.00
(D2) Net mWh Not Generated due to Partial Scheduled Outages	0	22,464
(D2) Scheduled Derates: percent of Period Hrs	0.00	2.72
(E1) Net mWh Not Generated due to Full Forced Outages	0	0
(E1) Forced Outages: percent of Period Hrs	0.00	0.00
(E2) Net mWh Not Generated due to Partial Forced Outages	5,366	1,830
(E2) Forced Derates: percent of Period Hrs	0.65	0.22
(F) Net mWh Not Generated due to Economic Dispatch	198,411	77,755
(F) Economic Dispatch: percent of Period Hrs	24.03	9.42
(G) Net mWh Possible in Period	825,840	825,840
(H) Equivalent Availability	92.93	97.06
(I) Output Factor (%)	91.18	87.64
(J) Heat Rate (BTU/NkWh)	9,119	9,075

*Estimated

Footnote: (J) Includes Light Off BTU's

Duke Energy Carolinas
Base Load Power Plant
Performance Review Plan

January 2012
arshall Steam Station

	Marshall 1	Marshall 2	Marshall 3	Marshall 4
(A) MDC (mWh)	380	380	658	660
(B) Period Hrs	744	744	744	744
(C1) Net Generation (mWh)	100,916	122,992	243,194	372,892
(D) Net mWh Possible in Period	282,720	282,720	489,552	491,040
(E) Equivalent Availability	91.09	90.02	95.37	100.00
(F) Output Factor (%)	67.94	69.25	76.94	75.94
(G) Capacity Factor	35.69	43.50	49.68	75.94

Duke Energy Carolinas
Base Load Power Plant
Performance Review Plan

January 2012
Cliffside Steam Station

		Cliffside 5
(A)	MDC (mWh)	556
(B)	Period Hrs	744
(C1)	Net Generation (mWh)	42,279
(D)	Net mWh Possible in Period	413,664
(E)	Equivalent Availability	98.90
(F)	Output Factor (%)	72.55
(G)	Capacity Factor	10.22

DUKE ENERGY CAROLINAS
BASE LOAD POWER PLANT PERFORMANCE REVIEW PLAN

February, 2011 - January, 2012
Oconee Nuclear Station

	UNIT 1		UNIT 2		UNIT 3	
(A) MDC (MW)	846		846		846	
(B) Period Hours	8760		8760		8760	
(C1) Net Gen (MWH) and Capacity Factor	6049209	81.63	6862978	92.61	7637209	103.05
(D1) Net MWH Not Gen Due To Full Scheduled Outages	1395528	18.83	559841	7.55	0	0.00
* (D2) Net MWH Not Gen Due To Partial Scheduled Outages	35867	0.48	33814	0.46	439	0.01
(E1) Net MWH Not Gen Due To Full Forced Outages	0	0.00	0	0.00	0	0.00
* (E2) Net MWH Not Gen Due To Partial Forced Outages	-69644	-0.94	-45673	-0.62	-226688	-3.06
* (F) Net MWH Not Gen Due To Economic Dispatch	0	0.00	0	0.00	0	0.00
* (G) Core Conservation	0	0.00	0	0.00	0	0.00
(H) Net MWH Possible In Period	7410960	100.00 %	7410960	100.00 %	7410960	100.00 %
(I) Equivalent Availability		80.61		91.13		99.99
(J) Output Factor		100.56		100.17		
(K) Heat Rate		10,233		10,196		

*Estimate
FOOTNOTE: D1 and E1 Include Ramping Losses

DUKE ENERGY CAROLINAS
BASE LOAD POWER PLANT PERFORMANCE REVIEW PLAN

February,2011 - January,2012
McGuire Nuclear Station

		UNIT 1		UNIT 2	
	(A) MDC (MW)	1100		1100	
	(B) Period Hours	8760		8760	
	(C1) Net Gen (MWH) and Capacity Factor	9228251	95.77	8974479	93.13
	(D1) Net MWH Not Gen Due To Full Scheduled Outages	726352	7.54	765600	7.95
*	(D2) Net MWH Not Gen Due To Partial Scheduled Outages	25283	0.26	1876	0.02
	(E1) Net MWH Not Gen Due To Full Forced Outages	15400	0.16	239162	2.48
*	(E2) Net MWH Not Gen Due To Partial Forced Outages	-380238	-3.95	-345117	-3.58
*	(F) Net MWH Not Gen Due To Economic Dispatch	20952	0.22	0	0.00
*	(G) Core Conversion	0	0.00	0	0.00
	(H) Net MWH Possible In Period	9636000	100.00 %	9636000	100.00 %
	(I) Equivalent Availability		91.84		89.33
	(J) Output Factor		103.76		103.98
	(K) Heat Rate		10,110		10,132

*Estimate
FOOTNOTE: D1 and E1 Include Ramping Losses

DUKE ENERGY CAROLINAS
BASE LOAD POWER PLANT PERFORMANCE REVIEW PLAN

February,2011 - January,2012
Catawba Nuclear Station

		UNIT 1		UNIT 2	
	(A) MDC (MW)	1129		1129	
	(B) Period Hours	8760		8760	
	(C1) Net Gen (MWH) and Capacity Factor	8753730	88.51	10022678	101.34
	(D1) Net MWH Not Gen Due To Full Scheduled Outages	1235838	12.50	0	0.00
*	(D2) Net MWH Not Gen Due To Partial Scheduled Outages	24937	0.25	1778	0.02
	(E1) Net MWH Not Gen Due To Full Forced Outages	27909	0.28	49416	0.50
*	(E2) Net MWH Not Gen Due To Partial Forced Outages	-152374	-1.54	-183832	-1.86
*	(F) Net MWH Not Gen Due To Economic Dispatch	0	0.00	0	0.00
*	(G) Core Conversion	0	0.00	0	0.00
	(H) Net MWH Possible In Period	9890040	100.00 %	9890040	100.00 %
	(I) Equivalent Availability		86.38		98.91
	(J) Output Factor		101.48		101.85
	(K) Heat Rate		10,060		10,043

*Estimate
FOOTNOTE: D1 and E1 Include Ramping Losses

Duke Energy Carolinas
Base Load Power Plant
Performance Review Plan

February 2011 through January 2012

Belews Creek Steam Station

	Unit 1	Unit 2
(A) MDC (mw)	1,110	1,110
(B) Period Hrs	8,760	8,760
(C1) Net Generation (mWh)	7,738,430	8,042,825
(C1) Capacity Factor	79.58	82.71
(D1) Net mWh Not Generated due to Full Scheduled Outages	792,780	213,767
(D1) Scheduled Outages: percent of Period Hrs	8.15	2.20
(D2) Net mWh Not Generated due to Partial Scheduled Outages	10,192	58,702
(D2) Scheduled Derates: percent of Period Hrs	0.10	0.60
(E1) Net mWh Not Generated due to Full Forced Outages	145,095	549,968
(E1) Forced Outages: percent of Period Hrs	1.49	5.66
(E2) Net mWh Not Generated due to Partial Forced Outages	14,845	29,554
(E2) Forced Derates: percent of Period Hrs	0.15	0.30
(F) Net mWh Not Generated due to Economic Dispatch	1,022,257	828,783
(F) Economic Dispatch: percent of Period Hrs	10.51	8.52
(G) Net mWh Possible in Period	9,723,600	9,723,600
(H) Equivalent Availability	90.10	91.24
(I) Output Factor (%)	91.11	91.76
(J) Heat Rate (BTU/NkWh)	9,155	9,231

*Estimated

Footnote: (J) Includes Light Off BTU's

Duke Energy Carolinas
Base Load Power Plant
Performance Review Plan

February 2011 through January 2012

Marshall Steam Station

	Marshall 1	Marshall 2	Marshall 3	Marshall 4
(A) MDC (mWh)	380	380	658	660
(B) Period Hrs	8,760	8,760	8,760	8,760
(C1) Net Generation (mWh)	1,383,999	1,791,486	3,864,961	3,991,235
(D) Net mWh Possible in Period	3,328,800	3,328,800	5,764,080	5,781,600
(E) Equivalent Availability	72.16	87.45	91.20	89.26
(F) Output Factor (%)	73.51	74.82	80.81	80.06
(G) Capacity Factor	41.58	53.82	67.05	69.03

Duke Energy Carolinas
Base Load Power Plant
Performance Review Plan

February 2011 through January 2012

Cliffside Steam Station

		Cliffside 5
(A)	MDC (mWh)	558
(B)	Period Hrs	8,760
(C1)	Net Generation (mWh)	2,344,973
(D)	Net mWh Possible in Period	4,892,154
(E)	Equivalent Availability	93.47
(F)	Output Factor (%)	79.52
(G)	Capacity Factor	47.93

DUKE ENERGY CAROLINAS

Outages for 100MW or Larger Units

January,2012

	Unit	MW	Full Outage Hours		
			Scheduled	Unscheduled	Total
Oconee	1	846	0.00	0.00	0.00
	2	846	0.00	0.00	0.00
	3	846	0.00	0.00	0.00
McGuire	1	1100	0.00	0.00	0.00
	2	1100	0.00	0.00	0.00
Catawba	1	1129	0.00	0.00	0.00
	2	1129	0.00	0.00	0.00

Duke Energy Carolinas

Outages for 100 mW or Larger Units

January 2012

Unit Name	Capacity Rating (mW)	Full Outage Hours Scheduled	Full Outage Hours Unscheduled	Total Outage Hours
Allen 1	162	0.00	0.00	0.00
Allen 2	162	0.00	0.00	0.00
Allen 3	261	0.00	0.00	0.00
Allen 4	276	0.00	0.00	0.00
Allen 5	266	0.00	0.00	0.00
Belews Creek 1	1,110	47.75	0.00	47.75
Belews Creek 2	1,110	0.00	0.00	0.00
Buck 5	128	0.00	0.00	0.00
Buck 6	128	0.00	0.00	0.00
Buck CC 10	620	185.77	47.50	233.27
Cliffside 5	556	8.17	0.00	8.17
Dan River 3	142	0.00	0.00	0.00
Lee 1	100	6.00	0.00	6.00
Lee 2	100	0.00	0.00	0.00
Lee 3	170	0.00	0.00	0.00
Marshall 1	380	0.00	65.78	65.78
Marshall 2	380	74.28	0.00	74.28
Marshall 3	658	33.92	0.00	33.92
Marshall 4	660	0.00	0.00	0.00
Riverbend 6	133	0.00	10.37	10.37
Riverbend 7	133	0.00	1.00	1.00
Rockingham CT1	165	0.00	0.00	0.00
Rockingham CT2	165	8.70	0.00	8.70
Rockingham CT3	165	10.38	0.00	10.38
Rockingham CT4	165	0.00	0.38	0.38
Rockingham CT5	165	0.00	744.00	744.00